

## **VS Atlas 1.0 Extension for ArcGIS**

---

# **VS Atlas Spatial Data Library**

## **ArcGIS Client Application Install Guide**

---

# VS Atlas 1.0 Extension for ArcGIS

## **About the VS Atlas:**

The VS Atlas Database is a spatial data library containing data important in fulfilling the APHIS mission. The purpose of VS Atlas is twofold:

- 1) Provide spatial data in a standard format (ArcSDE layer files)
- 2) Provide a centralized system (ArcSDE/SQLServer) for storing, maintaining, and distributing critical spatial layers.

VS Atlas contains data for a large range of topic areas including:

- Agricultural Census
- Animal Diseases
- Base Layers
- Disease Vectors
- Ecology
- Land Cover
- Surveillance
- Topography
- Veterinary Resources
- Wildlife

The data from this application are intended for internal-APHIS use only.

For a complete list of data available through the VS Atlas Database, please see the library's Data Dictionary (VS\_Atlas\_Data\_Dictionary.pdf) available for download from [http://inside.aphis.usda.gov/gis/vs/vs\\_atlas\\_home.htm/](http://inside.aphis.usda.gov/gis/vs/vs_atlas_home.htm/).

## **Required Software for Installation:**

The VS Atlas extension was developed for use with ESRI's ArcGIS 8.3 and greater software and will only operate correctly with ArcGIS for ArcView or ArcGIS for ArcInfo. These software packages are available at no direct cost to the individual user as part of the USDA site license to APHIS employees. Ordering information is available at [http://www.aphis.usda.gov/mrpbs/it\\_gis.html](http://www.aphis.usda.gov/mrpbs/it_gis.html).

**ArcGIS (either ArcView or ArcInfo) 8.3 or greater must be loaded prior to loading the VS Atlas extension.**

## **VS Atlas Technical Support:**


### **APHIS Support Contact Information:**

**Phone:** Mary Jane McCool 970.494.7284 or Ryan Miller 970.494.7327

# VS Atlas 1.0 Extension for ArcGIS

## Installing the Extension:

To download and install files using the self-extracting executable:

- i. The VS Atlas ArcGIS client application is available for download at [http://inside.aphis.usda.gov/gis/vs/vs\\_atlas\\_home.htm](http://inside.aphis.usda.gov/gis/vs/vs_atlas_home.htm) in the Downloads section. Click on the extension icon and, when prompted, save the executable file to a local directory (e.g., C:\Temp\).
- ii. Log in to the computer as Administrator  
**NOTE:** Make sure ArcGIS software is closed before running the setup file!
- iii. Browse to the directory containing the setup file (e.g. C:\Temp\) and double click on the VSAtlasExtensionInstall.exe.
- iv. Click the Setup button.
- v. Click OK.
- vi. Choose a directory to install the extension (e.g., C:\Program Files\VSAtlasExtension\).
- vii. Click on the install button 
- viii. Log off as Administrator

## Loading the VS Atlas Extension in ArcGIS:



To access the VS Atlas Extension in ArcMap or ArcCatalog:

- i. Start ArcMap or ArcCatalog.
- ii. From the 'Tools' menu select 'Extensions'.
- iii. Confirm VS Atlas Extension is checked active in 3 locations:
  - Tools → Customize
  - Tools → Extensions
  - View → Toolbars

# VS Atlas 1.0 Extension for ArcGIS

## Using the VS Atlas Extension:

In ArcCatalog or ArcMap:

-  Click the “Map Drive to VS Atlas Data” button.
  - Select the local drive you want to map the folder to (default is ‘V:’). This step should only be necessary one time.
  - Click OK.
  
-  Click the “Quick Connect to VS Atlas” button.
  - In ArcCatalog the Contents pane will be updated with the V:\VS\_Atlas connection containing the VS Atlas folder structure.
  - Browse to the data of interest and if desired click and drag into ArcMap
  - In ArcMap a customized ‘Add VS Atlas Data’ dialog box will appear.
  - Browse to the data of interest and if desired add to ArcMap data view.

A “Quick Start Tutorial and Helpful Tips” document and a “Database Dictionary” are available for download from [http://inside.aphis.usda.gov/gis/vs/vs\\_atlas\\_home.htm/](http://inside.aphis.usda.gov/gis/vs/vs_atlas_home.htm/).